

Converting Colors

Hex(3D68C1)

Have a look what the booklet for
Hex(3D68C1) contains.

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Color

Hex(3D68C1)

Conversions

Conversions Part 1

Format	Color
Hex	3D68C1
RGB	61, 104, 193
RGB Percent	24%, 41%, 76%
CMY	0.7608, 0.5922, 0.2431
CMYK	0.68, 0.46, 0.00, 0.24
HSL	220°, 52%, 50%
HSV	220°, 68%, 76%
XYZ	16.5004, 14.7430, 52.4281
YIQ	101.2890, -54.1970, 18.5630

Conversions

Conversions Part 2

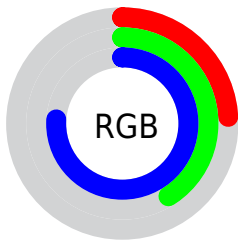
Format	Color
RYB	61, 93, 193
Decimal	4024513
CIELab	45.28, 14.79, -51.10
CIELCh	45, 53.200, 286.138
Yxy	14.7430, 0.1972, 0.1762
Android (android.graphics.Color)	4282214593 (0xFF3D68C1)
YUV	101.2890, 45.2135, -35.3335
Hunter-Lab	38.3966, 9.5139, -54.0791

Details

The Hex color **3D68C1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C1963D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7A9BFA**, and **003A8B** is the 20% darker color. If you saturate the color by 10%, you get **2A5BC1**, and if you desaturate by 10%, it is **5075C1**.

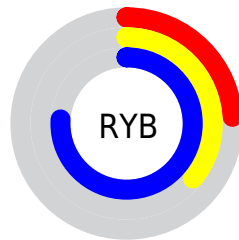
Distribution



Red (24%)

Green (41%)

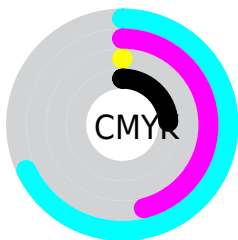
Blue (76%)



Red (24%)

Yellow (36%)

Blue (76%)

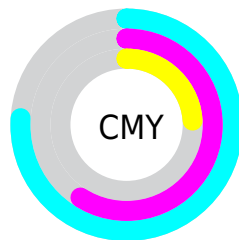


Cyan (68%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (76%)

Magenta (59%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D68C1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3D68C1 by changing the saturation by 10% instead.

■ 3D68C1

■ 3D68C1

FFFFFF

■ 1250A5

■ 7A9BFA

■ 003A8B

■ 98B5FF

■ 002571

■ B5D1FF

■ 001258

■ D3EDFF

■ 000740

■ F0FFFF

■ 000329

■ 000112

■ 000000

■ 3D68C1

■ 3D68C1

■ 2A5BC1

■ 5075C1

■ 164EC1

■ 6482C1

■ 0341C1

■ 778FC1

■ 003FC1

■ 8A9CC1

■ 9EA9C1

■ B1B6C1

■ C4C3C1

■ D7D0C1

■ EBDDC1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0076C2



3D68C1



8B54A9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D68C1



AE4F2C



007E54

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3D68C1



C1963D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



347A28



3D68C1



926205

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3D68C1



BB3F55



6A7000



008083

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3D68C1



A74790



6A7000



007D45

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3D68C1



C5D7FA



3DC195



5E687D



FCFCFC



7D7D7D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3D68C1



2D70FA



533DC1



575A61



0034A1



000B21

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C13D68



FA2D70



ABC13D



61575A



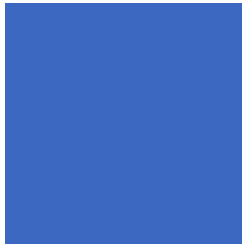
A10034



21000B

Previews

White Background



This preview shows how the Hex color 3D68C1 looks on a white background.

Color Contrast Check

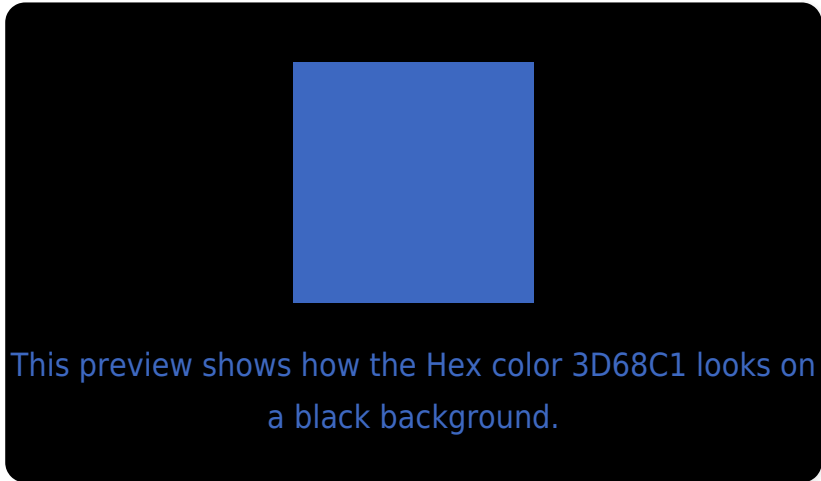
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D68C1 Background



This preview shows how black text looks on a background with the Hex color 3D68C1.



This preview shows how white text looks on a background with the Hex color 3D68C1.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

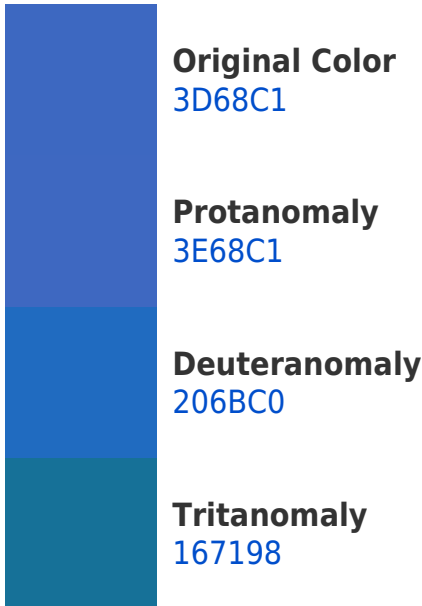
Dichromacy





Tritanopia
007680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D68C1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3D68C1 looks like.

```
.text, #text, p{  
    color:#3D68C1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3D68C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D68C1
}
```

Border

The CSS property to change the border of an element to Hex 3D68C1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D68C1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3D68C1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3D68C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D68C1; -webkit-box-shadow:4px 4px  
4px 4px #3D68C1; box-shadow:4px 4px 4px  
4px #3D68C1 }
```

Background

The CSS property to change the background color of an element to Hex 3D68C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D68C1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3D68C1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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